# HONIGMAN

Honigman Miller Schwartz and Cohn LLP

RECEIVED CENTRAL FAX CENTER Brett A. Krueger

FEB 1 0 2012

(248) 566-8470 Fax: (248) 566-8471 BKrueger@honigman.com

#### Fax Transmission

Attorneys and Counselors

February 10, 2012

Pages (including cover): 66

Recipient(s)	Company	Fax Number
USPTO	USPTO	(571) 273-8300

Message:

#### PLEASE ENTER THE FOLLOWING:

# REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

SERIAL NO. 10/593,697 - PUB 20090003841

SERIAL NO. 11/793,238 - PUB 20080073744

SERIAL NO. 12/519,404 - PUB 20100091804

SERIAL NO. 13/226,149 - PUB 20110317238

SERIAL NO. 12/936,723 - PUB 20110110388

SERIAL NO. 12/513,993 – PUB 20100183312

SERIAL NO. 12/514,008 - PUB 20100189441

SERIAL NO. 12/513,818 - PUB 20100196014

SERIAL NO. 12/739,840 – PUB 20100277798

SERIAL NO. 12/087,064 – PUB 20090273842

SERIAL NO. 12/897,456 - PUB 20110080634

SERIAL NO. 13/230,454 – PUB 20120002296

SERIAL NO. 12/919578 - PUB 20110116741

SERIAL NO. 12/919,591 – PUB 20110026880

SERIAL NO. 12/520,914 – PUB 20100232802 SERIAL NO. 12/084,318 – PUB 20100177793

SERIAL NO. 12/739842 - PUB 20100266291

SERIAL NO. 11/631,111 – PUB 20080298402

SERIAL NO. 12/966,619 - PUB 20110136063

SERIAL NO. 13/038,990 - PUB 20110170870

The information contained in this facsimile may be confidential and may also be subject to the attorney-client privilege or may constitute privileged work product. The information is intended only for the use of the individual or entity to whom it is addressed. If you are not the intended recipient, or the agent or employee responsible to deliver it to the intended recipient, you are hereby notified that any use, dissemination, distribution or copying of this communication may be subject to legal restriction or sanction. If you have received this facsimile in error, please notify us immediately by telephone, to arrange for return or destruction of the information and all copies. Thank you.

From-Honigman, Miller, Schwartz, Cohn

I hereby revoke all previous powers of attorney given in the following application(s). CENTRAL FAX CENTER

#### U.S. MATTERS

FEB 1 0 2012

<u>Title</u>	Serial #	Filed Date	Pub#	Pub Date	Patent #	Issue Date
METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	09/518,134	3/3/2000	2000-0518134	6/10/2003	6,577,413	6/10/2003
OPTICAL INTENSITY MODULATION DEVICE AND METHOD	10/022,255	12/20/2001	2002-0191266	12/19/2002	6,583,917	6/24/2003
OPTICAL GATING APPARATUS AND METHOD	09/988,624	-11/20/2001	2002-0090185	7/11/2002	6,584,261	6/24/2003
WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	10/019,447	7/3/2000		4/6/2004	6,716,958	4/6/2004
OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	09/915,401	7/27/2001	2002-0044709	4/18/2002	6,766,072	7/20/2004
UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	10/180,461	6/27/2002	2003-0142939	7/31/2003	6,816,659	11/9/2004

F-401

OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	10/019,479	7/3/2000	6,853,790	2/8/2005	6,853,790	2/8/2005
PARAMETRIC DEVICE FOR WAVELENGTH CONVERSION	10/135,772	5/1/2002	2003-0039023	2/27/2003	6,867,902	3/15/2005
NLO POLYMERS AND OPTICAL WAVEGUIDES BASED THEREON	10/268,717	10/11/2002	2003-0103759	6/5/2003	6,872,794	3/29/2005
DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	10/332,950	7/5/2001	2004-0091223	5/13/2004	6,928,221	8/9/2005
PASSIVE POLARISATION STABILISER	09/883,241	6/19/2001	2002-0037126	3/28/2002	6,941,032	9/6/2005
HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	10/415,128	10/26/2001	2004-0076394	4/22/2004	7,006,744	2/28/2006
INTENSITY MODULATION OF OPTICAL SIGNALS	10/914,250	5/3/2002	2005-0012983	1/20/2005	7,031,047	4/18/2006
RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	10/499,020	12/21/2001	2005-0225841	10/13/2005	7,116,469	10/3/2006
OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	10/493,570	10/26/2001			7,123,789	10/17/2006
DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	10/506,542	3/6/2002	2005-0226561	10/13/2005	7,133,588	11/7/2006
MULTIPLE STAGE RAMAN OPTICAL AMPLIFIER	10/538,846	12/19/2002	2006-0158717	7/20/2006	7,145,716	12/5/2006

F-401

# REVOCATION OF POWER OF ATTORNEY WITH A NEW POWER OF ATTORNEY

AND CHANGE OF CORRESPONDENCE ADDRESS

OPTICAL FIBRE FILTER	10/415,474	10/23/2001	2004-0057685	3/25/2004	7,177,511	2/13/2007
WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	10/206,349	7/29/2002	2003-0039006	2/27/2003	7,187,868	3/6/2007
OPTICAL SPACE-SWITCHING MATRIX	10/497,009	11/30/2001	2005-0041911	2/24/2005	7,209,507	4/24/2007
PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	10/538,874	12/23/2002	2006-0165368	7/27/2006	7,217,377	5/15/2007
OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	10/508,515	3/22/2002	2005-0220399	10/6/2005	7,218,807	5/15/2007
AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	10/533,370	10/30/2003	2006-0018584	1/26/2006	7,228,015	6/5/2007
METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE	10/506,658	3/6/2002	2005-0175304	8/11/2005	7,233,729	6/19/2007
OPTICAL DEVICES COMPRISING SERIES OF BIREFRINGENT WAVEPLATES	10/518,473	7/31/2002	2005-0259325	11/24/2005	7,242,517	7/10/2007
MULTI-STAGE RAMAN AMPLIFIER	10/522,555	7/31/2002	2006-0109543	5/25/2006	7,253,944	8/7/2007
POLYMIDE OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATION THEREOF	10/518,352	6/27/2002	2007-0122102	5/31/2007	7,274,854	9/25/2007

F-401

#### Feb-10-12 16:16 From-Honigman, Miller, Schwartz, Cohn 248 566 8310 T-690 P.005

TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER	10/578,252	11/5/2003	2007-0058900	3/15/2007	7,292, <b>7</b> 52	11/6/2007
WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	10/479,579	5/28/2002	2004-0234199	11/25/2004	7,302,135	11/27/2007
POLARIZATION STABILIZATION	10/485,221	7/30/2002	2004-0262499	12/30/2004	7,307,722	12/11/2007
FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE	10/518,855	6/28/2002	2006-0092500	5/4/2006	7,324,267	1/29/2008
OPTICAL COMMUNICATION LINE WITH DISPERSION INTRACHANNEL NONLINEARITIES MANAGEMENT	10/565,590	7/24/2003	2007-0031155	2/8/2007	7,324,721	1/29/2003
DEVICE FOR CROSSING OPTICAL BEAMS, IN PARTICULAR IN AN INTEGRATED OPTICAL CIRCUIT	10/506,769	3/6/2002	2005-0226562	10/13/2005	7,346,239	3/18/2008
INTEGRATED OPTICAL ADD/DROP DEVICE HAVING SWITCHING FUNCTION	10/541,071	12/31/2002	2006-0233486	10/19/2006	7,356,219	4/8/2008
PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	10/573,892	9/30/2003	2007-0211772	9/13/2007	7,505,490	3/17/2009
METHOD AND DEVICE FOR STABILIZING THE STATE OF POLARIZATION OF AN OPTICAL RADIATION	11/661,416	9/6/2005	2007-0253053	5/5/2009	7,528,360	5/5/2009
WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNABLE LASER	10/573,895	11/7/2003	2007-0268939	11/22/2007	7,573,919	8/11/2009

MULTI-STAGE RAMAN AMPLIFIER	11/802,011	7/31/2002	2007-0223085	9/27/2010	7,813,034	10/12/2010
OPTICAL BAND SPLITTER/COMBINER AND APPARATUS COMPRISING THE SAME	11/629,305	6/21/2004	2009-0034968	2/5/2009	7,860,359	12/28/2010
MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	12/306,543	7/12/2006	2009-0252188	10/8/2009	7,869,475	1/11/2011
METHOD TO FABRICATE AT REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	11/886,770	3/31/2005	2009-0020499	1/22/2009	7,871,760	1/18/2011
OPTICAL ASSEMBLY CONNECTING A LASER WITH AN OPTICAL FIBRE	12/085,323	12/7/2005	2009-0136178	5/28/2009	7,909,518	3/22/2011
METHOD AND DEVICE FOR STABILIZING THE STATE OF POLARIZATION OF A POLARIZATION MULTIPLEXED OPTICAL RADIATION	11/665,466	10/22/2004	2007-0280689	12/6/2007	7,917,031	3/29/2011
METHOD AND APPARATUS FOR OPTICAL PHASE MODULATION	10/592,032	3/10/2004	2007-0274731	11/29/2007	8,019,232	9/13/2011
OPTICAL BAND SPLITTER/COMBINER DEVICE COMPRISING A THREE-ARMS INTERFEROMETER	11/883,943	2/10/2005	2009-0041462	2/12/2009	8,023,822	9/20/2011
OPTICAL COUPLING DEVICE	10/584,853	12/29/2003	2009-0245728	10/1/2009	8,064,741	11/22/2011
METHOD AND SYSTEM FOR HITLESS TUNABLE OPTICAL PROCESSING	11/922,563	6/30/2005	2008-0253767	10/16/2008	8,064,769	11/22/2011

				·		<u></u>
METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	12/087,063	12/28/2005	2009-0028567	1/29/2009	8,095,010	1/10/2012
WIRING METHOD AND DEVICE	11/793,290	12/29/2004	2008-0302858	12/11/2008	8,096,463	1/17/2012
PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	13/046,310	3/11/2011				
OPTICAL MODULATOR	10/593,697	3/31/2004	2009-0003841	1/1/2009		
PHOTODETECTOR IN GERMANIUM ON SILICON	11/793,238	12/24/2004	2008-0073744	3/27/2008		
WIRING METHOD AND DEVICE	13/324,117	12/13/2011				
METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	13/324,198	12/13/2011				
PHASE CONTROL BY ACTIVE THERMAL ADJUSTMENTS IN AN EXTERNAL CAVITY LASER	12/519,404	12/22/2006	2010-0091804	4/15/2010		·
A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	10/567,374	8/7/2003	2007-0258715	11/8/2007		
AN OPTICAL DEVICE BASED ON A THREE-ARM MACH-ZEHNDER INTERFEROMETER	11/587,636	4/30/2004	2008-0266639	10/30/2008		
AN OPTO-MECHANICAL SWITCHING SYSTEM	11/791,982	12/15/2004	2008-0050063	2/28/2008		

					<u> </u>	
APPARATUS FOR MITIGATING THE EFFECTS OF POLARIZATION MODE DISPERSION OF A PLURALITY OF OPTICAL SIGNALS	10/546,257	3/21/2003	2006-0263094	11/23/2006		
CASCADED RAMAN PUMP FOR RAMAN AMPLIFICATION IN OPTICAL SYSTEMS	10/515,833	5/31/2002	2005-0259315	11/24/2005		
CHIRAL WAVEGUIDE	60/422,414	10/30/2002			·	
COUPLED-WAVEGUIDE ELECTRO- OPTIC SWITCH BASED ON POLARISATION CONVERSION	10/554,933	4/30/2003	2007-0147725	6/28/2007		
DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	60/219,695	7/21/2000				
FILTRO IN FIBRA OTTICA	60/246,069	11/7/2000				
HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	60/244,926	11/2/2000				
INTEGRATED OPTICAL WAVEGUIDE STRUCTURE WITH LOW COUPLING LOSSES TO AN EXTERNAL OPTICAL FIELD	10/566,948	8/4/2003	2008-0044126	2/21/2008		
INTEGRATED POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	60/478,751	6/16/2003				
INTEGRATED WAVELENTH SELECTIVE GRATING-BASED FILTER	11/631,780	7/22/2004	2007-0189669	8/16/2007		

•					<del></del>	<del></del>
INTENSITY MODULATION OF OPTICAL SIGNALS	60/289,111	5/8/2001				
INTENSITY MODULATION OF OPTICAL SIGNALS	10/137,364	5/3/2002	2002-0176152	11/28/2002		
LOW LOSS MICRORING RESONATOR DEVICE	10/584,315	12/24/2003	2007-0071394	3/29/2007		
METHOD AND APPARATUS FOR OPTICAL PHASE MODULATION	13/226,149	9/6/2011	2011-0317238	12/29/2011		
METHOD AND APPARATUS FOR REDUCING THE AMPLITUDE MODULATION OF OPTICAL SIGNALS IN EXTERNAL CAVITY LASERS	12/936,723	4/11/2008	2011-0110388	5/12/2011		
METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	12/513,993	11/9/2006	2010-0183312	7/22/2010		
METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	12/514,008	11/9/2006	2010-0189441	7/29/2010		
METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	12/513,818	11/9/2006	2010-0196014	8/5/2010		
METHOD AND DEVICE FOR POLARIZATION STABILIZATION OF AN OPTICAL RADIATION	12/739,840	12/21/2007	2010-0277798	11/4/2010		
METHOD AND DEVICE FOR STABILIZING THE STATE OF POLARIZATION OF A POLARIZATION MULTIPLEXED OPTICAL RADIATION	13/038,990	3/2/2011	2011-0170870	7/14/2011		
METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	12/087,016	12/28/2005				

		<u> </u>	· · · · · · · · · · · · · · · · · · ·			
METHOD AND SYSTEM FOR TUNABLE OPTICAL FILTERING	12/087,064	12/28/2005	2009-0273842	11/5/2009		
METHOD FOR MANUFACTURING OPTICAL DEVICES	11/659,037	8/5/2004				
METHOD FOR MANUFACTURING OPTICAL DEVICES	11/792,295	12/23/2004	2008-0128929	6/5/2008		
METHOD OF MAKING GRATING STRUCTURES HAVING HIGH ASPECT RATIO	11/579,167	5/21/2004	2008-0038660	2/14/2008		
METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	12/966,619	12/13/2010	2011-0136063	6/9/2011		
MULTI-STAGE RAMAN AMPLIFIER	12/897,456	10/4/2010	2011-0080634	4/7/2011		
OPTICAL BAND SPLITTER/COMBINER DEVICE COMPRISING A THREE-ARMS INTERFEROMETER	13/230,454	9/12/2011	2012-0002296	1/5/2012		
OPTICAL COMMUNICATION LINE AND SYSTEM WITH REDUCED POLARIZATION MODE DISPERSION	10/534,041	11/8/2002	2006-0268392	11/30/2006		
OPTICAL COMMUNICATION SYSTEM	10/536,807	11/29/2002	2006-0140636	6/29/2006		
OPTICAL DEVICE INCUDING A BURIED GRATING WITH AIR FILLED VOIDS AND METHOD FOR REALIZING IT	11/632,162	11/17/2004	2008-0205838	8/28/2008	*	

OPTICAL FIBER FOR RAMAN	10/522,246	7/26/2002	2006-0033983	2/16/2006	•	
AMPLIFICATION	20,042,240					
OPTICAL GATING APPARATUS AND METHOD	60/253,075	11/28/2000				
OPTICAL INTENSITY MODULATION DEVICE AND METHOD	60/260,208	1/9/2001				
OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH- INDEX CONTRAST WAVEGUIDE	12/919,578	2/29/2008	2011-0116741	5/19/2011		
OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH- INDEX CONTRAST WAVEGUIDE	12/919,591	2/29/2008	2011-0026880	2/3/2011		
OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	60/223,477	8/7/2000				
OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	10/491,211	9/28/2001	2005-0018984	1/27/2005		
OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	10/508,521	3/22/2002	2005-0169637	8/4/2005		
OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	10/540,491	12/23/2002	2006-0250678	11/9/2006		
OPTICAL TRANSMISSION SYSTEM WITH OPTICAL CHROMATIC DISPERSION COMPENSATOR	12/520,914	12/27/2006	2010-0232802	9/16/2010		•
					_ <u></u>	1

PARAMETRIC DEVICE FOR WAVELENGTH CONVERSION	60/287,414	5/1/2001			
PASSIVE OPTICAL NETWORK COMPRISING MULTI- LONGITUDINAL MODE EMITTING DEVICES	12/223,073	2/3/2006			
PASSIVE PHASE CONTROL IN AN EXTERNAL CAVITY LASER	12/084,318	12/6/2005	2010-0177793	7/15/2010	
PASSIVE POLARISATION STABILISER	60/214,501	6/27/2000			
POLARIZATION STABILIZATION	60/310,236	8/7/2001			
PROCESS FOR PRODUCING A COMPOSITE MATERIAL	11/667,942	11/23/2004	2007-0292644	12/20/2007	
SYSTEM AND METHOD FOR COHERENT DETECTION OF OPTICAL SIGNALS	12/739,842	12/6/2007	2010-0266291	10/21/2010	
THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	11/631,111	6/30/2004	2008-0298402	12/4/2008	
TRANSMISSION OF SOLUTONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION	10/490,866	9/28/2001	2005-0117862	6/2/2005	
TUNABLE RESONANT GRATING FILTERS	10/584,507	12/24/2003	2007-0071061	3/29/2007	

UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	60/303,339	7/9/2001		·
WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	60/295,870	6/6/2001		
WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	60/309,480	8/3/2001	·	•

#### FOREIGN MATTERS

Cty	Title .	Serial#	Filed Date	Publication #	Pub Date
AT	DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	01960472.7	7/5/2001	408161	9/15/2008
AU	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	2003283377	11/7/2003	2003283 <b>3</b> 7 <b>7</b>	9/1/2005
AU	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	2003281996	8/7/2003	2003281996	8/18/2005
AU	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	2003284380	10/30/2003		7/1/2004
ΑU	LOW LOSS MICRORING RESONATOR DEVICE	2003300554	12/24/2003	2003300554	9/8/2004
AU	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	2001235903	3/2/2001		11/22/2001
AU	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	2003271667	9/30/2003	2003271667	5/6/2005

AU	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	2004321231	6/30/2004	•	
BE	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2005
BR	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	PI0318451-0	8/7/2003	BR0318451	9/12/2006
CA	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	2,449,018	5/28/2002	2,449,018	12/12/2002
CA	OPTICAL SPACE-SWITCHING MATRIX	2,467,668	11/30/2001	2,467,668	6/5/2003
CA	METHOD AND APPARATUS FOR REDUCING THE AMPLITUDE MODULATION OF OPTICAL SIGNALS IN EXTERNAL CAVITY LASERS	2,720,036	4/11/2008		
CA	EXTERNAL CAVITY LASER MODULE COMPRISING A MULTI- FUNCTIONAL OPTICAL ELEMENT	2,732,912	4/2/2007		
ÇA	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT	2,719,875	4/20/2007		
CA	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	2,463,956	10/26/2001		
CA	MULTI-STAGE RAMAN AMPLIFIER	2,492,810	7/31/2002		
CA	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	2,534,673	8/7/2003	2,534,673	2/17/2005

ÇA	METHOD AND DEVICE FOR POLARIZATION STABILIZATION OF AN OPTICAL RADIATION	2,703,728	12/21/2007		
CA	PHASE CONTROL BY ACTIVE THERMAL ADJUSTMENTS IN AN EXTERNAL CAVITY LASER	2,703,584	12/22/2006		
CA	TUNABLE RESONANT GRATING FILTERS	2,550,677	12/24/2003	2,550,677	7/14/2005
CA	SYSTEM AND METHOD FOR COHERENT DETECTION OF OPTICAL SIGNALS	2,703,726	12/6/2007		
ÇA	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	2,719,342	2/29/2008		
CA	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	2,734,614	2/29/2008		
CA	OPTICAL FIBER FOR RAMAN AMPLIFICATION	2,493,689	7/26/2002	2,493,689	2/19/2004
CA	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	2,354,461	7/27/2001	2,354,461	1/28/2002
CA	METHOD AND SYSTEM FOR HITLESS TUNABLE OPTICAL PROCESSING	2,613,105	6/30/2005	2,613,105	1/11/2007
CA	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	2,571,699	6/30/2004	2,571,699	1/12/2006
CA	INTEGRATED OPTICAL WAVEGUIDE STRUCTURE WITH LOW COUPLING LOSSES TO AN EXTERNAL OPTICAL FIELD	2,534,970	8/4/2003	2,534,970	2/17/2005
CA	OPTICAL MODULATOR	2,561,153	3/31/2004	2,561,153	10/13/2005
CA	LOW LOSS MICRORING RESONATOR DEVICE	2,550,678	12/24/2003	•	·

CA	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	2,366,136	12/21/2001	2,366,136	6/22/2002
CA	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	2,703,534	11/9/2006		
CA	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	2,703,538	11/9/2006		
CA	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	2,703,543	11/9/2006		
CA	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	2,503,825	10/30/2003		
ÇA	CASCADED RAMAN PUMP FOR RAMAN AMPLIFICATION IN OPTICAL SYSTEMS	2,487,148	5/31/2002	2,487,148	12/11/2003
CA	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	2,401,108	3/2/2001	2,401,108	9/7/2001
CA	OPTICAL FIBRE FILTER	2,427,353	10/23/2001	2,427,353	5/10/2002
CA	OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	2,377,893	7/3/2000	2 <b>,377,</b> 893	1/11/2001
CA	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	2,540,600	9/30/2003	2,540,600	5/6/2005
CA	RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	2,470,136	12/21/2001		
CA	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	2,377,745	7/3/2000	2,377,745	1/11/2001

CA	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	2,540,605	11/7/2003	2,540,605	5/6/2005
СН	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
CN	COUPLED-WAVEGUIDE ELECTRO- OPTIC SWITCH BASED ON POLARISATION CONVERSION	2003826522.2	4/30/2003	1771457	
CN	MULTI-STAGE RAMAN AMPLIFIER	02829391.6	7/31/2002		
CN	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	03827102.8	8/7/2003	1839575	9/27/2006
CN	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	200380102345.8	10/30/2003	1708718	12/14/2005
CN	APPARATUS FOR MITIGATING THE EFFECTS OF POLARIZATION MODE DISPERSION OF A PLURALITY OF OPTICAL SIGNALS	2003826153.7	3/21/2003	1759549	4/12/2006
CN	CASCADED RAMAN PUMP FOR RAMAN AMPLIFICATION IN OPTICAL SYSTEMS	02829069	5/31/2002	1628401	6/15/2005
CN	INTEGRATED OPTICAL WAVEGUIDE STRUCTURE WITH LOW COUPLING LOSSES TO AN EXTERNAL OPTICAL FIELD	2003827101.X	8/4/2003	1839331	9/27/2006
CN	LOW LOSS MICRORING RESONATOR DEVICE	200380110909.2	12/24/2003	1886686	12/27/2006
CN	METHOD OF MAKING GRATING STRUCTURES HAVING HIGH ASPECT RATIO	200480043098	5/21/2004	1985195	6/20/2007
CN	OPTICAL ASSEMBLY CONNECTING A LASER WITH AN OPTICAL FIBRE	200580052256.6	12/7/2005	101326456	12/17/2008
CN	OPTICAL COMMUNICATION LINE AND SYSTEM WITH REDUCED POLARIZATION MODE DISPERSION	2002829817.9	11/8/2002	1695328	11/9/2005

CN	OPTICAL FIBER FOR RAMAN AMPLIFICATION	2002829374.6	7/26/2002	1639930	7/13/2005
CN	OPTICAL MODULATOR	200480042605.1	3/31/2004	1961254	5/9/2007
CN	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	2001823743.6	10/26/2001	1559014	12/29/2004
ÇN	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	03827146.X	9/30/2003	1839522	9/27/2006
CN	PHOTODETECTOR IN GERMANIUM ON SILICON	200480044693.9	12/24/2004	101088168	12/12/2007
CN	RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	01823901.3	12/21/2001	1582519	2/16/2005
CN	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	200480043483	6/30/2004	1977431	6/6/2007
CN	TUNABLE RESONANT GRATING FILTERS	200380110910.5	12/24/2003	1886680	12/27/2006
CN	TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER	200380110636.1	11/5/2003	1879056	12/13/2006
CN	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNABLE LASER	200380110477.5	11/7/2003	1839523	9/27/2006
DE	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	05716482.4	3/31/2005	1866688	12/19/2007
DE	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	04740481.9	6/30/2004	1761980	1/12/2006
DÊ	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	QQ952993.4	7/3/2000	1198493	4/24/2002

DE	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	06754714.1	7/12/2006	2044663	4/8/2009
DE	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	01306155.1	7/18/2001	1176459	1/30/2002
DE	OPTICAL FIBER FOR RAMAN AMPLIFICATION	02767266.6	7/26/2002	1525647	2/19/2004
DE	WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	01118289.6	7/30/2001	1282247	2/5/2003
DE	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	01976629.4	9/28/2001	1436920	7/14/2004
DE	OPTICAL FIBRE FILTER	01992905.8	10/23/2001	1330668	7/30/2003
DE	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	01988874.2	10/26/2001	1334385	8/13/2003
DE	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
DE	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818428.2	11/9/2006	2095553	5/15/2008
DÊ	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818431.6	11/9/2006	2092673	5/15/2008
DE	OPTICAL GATING APPARATUS AND METHOD	00310375.1	11/22/2000	1209782	5/29/2002
DE	OPTICAL COMMUNICATION SYSTEM	02787873.5	11/29/2002	1566002	8/24/2005
DE	OPTICAL SPACE-SWITCHING MATRIX	01995682.0	11/30/2001	1449403	6/5/2003
DE	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	00311680.3	12/22/2000	1217425	6/26/2002
DE	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02808266.7	12/23/2002	1576747	9/21/2005

DE	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	12/23/2002	1576396	7/8/2004
DĒ	EXTERNAL CAVITY LASER WITH TUNABLE RESONANT GRATING FILTER	08514863.8	12/24/2003	1939653	7/2/2008
DE	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
DE	WIRING METHOD AND DEVICE	04804388.9	12/29/2004	1832147	7/6/2006
DE	DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	01960472.7	7/5/2001	1303774	10/23/2008
DE	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE				
DE	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	01908044.9	3/2/2001	1260044	9/7/2001
DE	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING			·	
DE	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT				
DÉ	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02718200.5	3/22/2002	1488550	10/2/2003
DE	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02727461.2	3/22/2002	1488551	10/2/2003
DE	PARAMETRIC DEVICE FOR WAVELENGTH CONVERSION	01201557.4	5/1/2001	1255158	11/6/2002
DE	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER				
DE	UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	01202513.6	6/29/2001	1273937	1/8/2003
DE	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	02754596.1	5/28/2002	1393104	3/3/2004

EP	METHOD AND APPARATUS FOR REDUCING THE AMPLITUDE MODULATION OF OPTICAL SIGNALS IN EXTERNAL CAVITY LASERS	08763801.1	4/11/2008	2283551	2/16/2011
EP	EXTERNAL CAVITY LASER MODULE COMPRISING A MULTI- FUNCTIONAL OPTICAL ELEMENT	07723882.2	4/2/2007	2186171	5/19/2010
EP	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	03773602.2	8/7/2003	1652326	5/3/2006
EP	PHASE CONTROL BY ACTIVE THERMAL ADJUSTMENTS IN AN EXTERNAL CAVITY LASER	06829838.9	12/22/2006	EP2095476	7/3/2008
EP	OPTICAL TRANSMISSION SYSTEM WITH OPTICAL CHROMATIC DISPERSION COMPENSATOR	06842282.3	12/27/2006	2103012	9/23/2009
EP	OPTICAL COUPLING DEVICE	03799601.4	12/29/2003	1706767	10/4/2006
ΕP	INTEGRATED OPTICAL ADD/DROP DEVICE HAVING SWITCHING FUNCTION	02799753.5	12/31/2002	1581828	7/15/2004
EP	PASSIVE PHASE CONTROL IN AN EXTERNAL CAVITY LASER	05814644.0	12/6/2005	1958302	8/20/2008
EP	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	08749504.0	2/29/2008	2252907	11/24/2010
EP	POLARIZATION STABILIZATION	02754957.5	7/30/2002	1412808	4/28/2004
EP	OPTICAL DEVICES COMPRISING SERIES OF BIREFRINGENT WAVEPLATES	02764823.7	7/31/2002	1497689	1/19/2005
EP	MULTI-STAGE RAMAN AMPLIFIER	02767287.2	7/31/2002	1525648	4/27/2005

ΕP	METHOD AND DEVICE FOR STABILIZING THE STATE OF POLARIZATION OF A	04790751.4	10/22/2004	1803243	7/4/2007
	POLARIZATION MULTIPLEXED OPTICAL RADIATION				
ÉP	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	01994622.7	10/26/2001	1446686	5/30/2003
£Ρ	OPTICAL COMMUNICATION LINE AND SYSTEM WITH REDUCED POLARIZATION MODE DISPERSION	02788559.9	11/8/2002	1570595	9/7/2005
EP	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	03753486.4	9/30/2003	1668751	5/6/2005
EP	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	03776617.7	10/30/2003	1558964	5/21/2004
EP	AN OPTICAL DEVICE BASED ON A THREE-ARM MACH-ZEHNDER INTERFEROMETER	04730550.3	4/30/2004	1740991	1/10/2007
EP	AN OPTO-MECHANICAL SWITCHING SYSTEM	04822584.1	12/15/2004	1825307	8/29/2007
EP	APPARATUS FOR MITIGATING THE EFFECTS OF POLARIZATION MODE DISPERSION OF A PLURALITY OF OPTICAL SIGNALS	03816338.2	3/21/2003	1606895	9/30/2004
EP	CASCADED RAMAN PUMP FOR RAMAN AMPLIFICATION IN OPTICAL SYSTEMS	02750998.3	5/31/2002	1509976	12/11/2003
EP	COUPLED-WAVEGUIDE ELECTRO- OPTIC SWITCH BASED ON POLARISATION CONVERSION	03723087.7	4/30/2003	1618433	11/11/2004
EP	DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	02807005.0	3/6/2002		

EP	DEVICE FOR CROSSING OPTICAL BEAMS, IN PARTICULAR IN AN INTEGRATED OPTICAL CIRCUIT	02727366.3	3/6/2002	1481271	12/1/2004
EP	DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	01960472.7	7/5/2001	1303774	1/24/2002
EP	DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	00830495.8	7/14/2000		
EP	EXTERNAL CAVITY LASER WITH TUNABLE RESONANT GRATING FILTER	08154863.8	12/24/2003	1939653	7/2/2008
EP	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE	02754798.3	6/28/2002	1518149	1/8/2004
ΕP	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	01988874.2	10/26/2001	1334385	8/13/2003
EP	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	00309508.0	10/27/2000		
ΕP	INTEGRATED OPTICAL WAVEGUIDE STRUCTURE WITH LOW COUPLING LOSSES TO AN EXTERNAL OPTICAL FIELD	03817938.8	8/4/2003	165 <b>1</b> 988	5/3/2006
EP	INTEGRATED WAVELENTH SELECTIVE GRATING-BASED FILTER	04763402.7	7/22/2004	1769275	4/4/2007
EP	INTENSITY MODULATION OF OPTICAL SIGNALS	01304095.1	5/4/2001	1255157	6/11/2002
EP	LOW LOSS MICRORING RESONATOR DEVICE	03819179.7	12/24/2003	1697777	7/14/2005
EP	METHOD AND APPARATUS FOR OPTICAL PHASE MODULATION	04718932.9	3/10/2004		-
EP	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	01908044.9	3/2/2001	1260044	9/7/2001
EP	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818427.4	11/9/2006	2095552	5/15/2008

	•				
EP	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	05818428.2	11/9/2006	2095553	5/15/2008
EP	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818431.6	11/9/2006	EP2092673	5/15/2008
EP	METHOD AND DEVICE FOR STABILIZATING THE STATE OF POLARIZATION OF AN OPTICAL RADIATION	05779568.4	9/6/2005	1787408	5/23/2007
EP	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	05850989.4	12/28/2005	1966921	7/5/2007
EP	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT	07736799.3	4/20/2007	2181348	5/5/2010
EP	METHOD AND SYSTEM FOR HITLESS TUNABLE OPTICAL PROCESSING	05763457.8	6/30/2005	1896886	3/12/2008
ΕP	METHOD AND SYSTEM FOR TUNABLE OPTICAL FILTERING	05850367.3	12/28/2005	1966920	9/10/2008
EP	METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE	02724205.6	3/6/2002	1481270	12/1/2004
EP	METHOD FOR MANUFACTURING OPTICAL DEVICES	04763872.1	8/5/2004	1778462	5/2/2007
ΕP	METHOD FOR MANUFACTURING OPTICAL DEVICES	04804330.1	12/23/2004	1828824	9/5/2007
EP	METHOD OF MAKING GRATING STRUCTURES HAVING HIGH ASPECT RATIO	04734257.1	5/21/2004	1747485	1/31/2007
EP	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	05716482.4	3/31/2005	1866688	12/19/2007
EP	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	06754714.1	7/12/2006	2044663	4/8/2009
EP	MULTIPLE STAGE RAMAN OPTICAL AMPLIFIER	02808262.6	12/19/2002	1573869	9/14/2005

EP	NLO POLYMERS AND OPTICAL WAVEGUIDES BASED THEREON	01203889.9	10/15/2001	1302808	4/16/2003
EP	OPTICAL ASSEMBLY CONNECTING A LASER WITH AN OPTICAL FIBRE	05813929.6	12/7/2005	1969407	9/17/2008
EP	OPTICAL BAND SPLITTER/COMBINER AND APPARATUS COMPRISING THE SAME	04740227.6	6/21/2004	1759230	12/29/2005
EP	OPTICAL BAND SPLITTER/COMBINER DEVICE COMPRISING A THREE-ARMS INTERFEROMETER	05715320.7	2/10/2005	1846786	9/21/2007
EP	OPTICAL COMMUNICATION LINE WITH DISPERSION INTRACHANNEL NONLINEARITIES MANAGEMENT	03817630.1	7/24/2003	1649618	4/26/2006
EP	OPTICAL COMMUNICATION SYSTEM	02787873.5	11/29/2002	1566002	8/24/2005
EP	OPTICAL DEVICE INCUDING A BURIED GRATING WITH AIR FILLED VOIDS AND METHOD FOR REALIZING IT	04803160.3	11/17/2004	1769276	
EP	OPTICAL FIBER FOR RAMAN AMPLIFICATION	02767266.6	7/26/2002	1525647	2/19/2004
EP	OPTICAL FIBRE FILTER	01992905.8	10/23/2001	1330668	7/30/2003
EP	OPTICAL FIBRE FILTER	00123718.9	10/31/2000		
EP	OPTICAL GATING APPARATUS AND METHOD	00310375.1	11/22/2000	1209782	5/29/2002
EP	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	00311680.3	12/22/2000	1217425	6/26/2002
EP	OPTICAL MODULATOR	04724607.9	3/31/2004	1730586	12/13/2006
EP	OPTICAL SPACE-SWITCHING MATRIX	01995682.0	11/30/2001	1449403	6/5/2003
EP	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	01306155.1	7/18/2001	1176459	1/30/2002
ΕP	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	00306465.6	7/28/2000		

EP	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	01976629.4	9/28/2001	1436920	7/14/2004
EP	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02718200.5	3/22/2002	1488550	10/2/2003
EP	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02727461.2	3/22/2002	1488551	10/2/2003
EP	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02808266.7	12/23/2002	1576747	9/21/2005
ΕP	OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	99112597.2	7/1/1999	1067405	1/10/2001
EP	OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	00945861.3	7/3/2000	1198724	4/24/2002
ĘΡ	PARAMETRIC DÉVICE FOR WAVELENGTH CONVERSION	01201557.4	5/1/2001	1255158	11/6/2002
EP	PASSIVE OPTICAL NETWORK COMPRISING MULTI- LONGITUDINAL MODE EMITTING DEVICES	06711411.6	2/3/2006	1980039	10/15/2008
EP	PASSIVE POLARISATION STABILISER	00305236.2	6/21/2000		
EP	PASSIVE POLARISATION STABILISER	01305142.0	6/13/2001	1168679	1/2/2002
EP	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	12/23/2002	1576396	7/8/2004
EP	PHOTODETECTOR IN GERMANIUM ON SILICON	04804304.6	12/24/2004	1829115	9/5/2007
EP	POLARIZATION STABILIZATION	01306683.2	8/3/2001		

POLYCYANATE COPOLYMERS PREPARED FROM	99112596.4	7/1/1999	1067149	1/10/2001
POLYFUNCTIONAL CYANATES AND				
FLUORINATED MONOCYANATES				
POLYIMIDE OPTICAL WAVEGUIDES	02754769.4	6/27/2002		
PREPARATION THEREOF				
PROCESS FOR PRODUCING A	04822462.0	11/23/2004	1828295	8/3/2007
COMPOSITE MATERIAL				
RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	01986436.2	12/21/2001	1456918	9/15/2004
THERMALLY CONTROLLED	04740481.9	6/30/2004	1761980	1/12/2006
EXTERNAL CAVITY TUNEABLE		·		
LASER		5/70/7004	2272620	1/12/2011
	10178660.6	6/30/2004	22/3630	1/12/2011
TRANSMISSION OF SOLITONS ON	01976628.6	9/28/2001		
ALTERNATE SIGN DISPERSION				
	03789424.3	12/24/2003	1704428	9/27/2006
FILTERS				
TUNEABLE GRATING ASSISTED	03795805.5	11/5/2003	1680706	7/19/2006
DIRECTIONAL OPTICAL COUPLER				
UNIT FOR COMPENSATING THE	01202513.6	6/29/2001	1273937	1/8/2003
CHROMATIC DISPERSION IN A	· ·			
RECONFIGURABLE MANNER				
WAVEGINDE RENDS AND DEVICES	02754596.1	5/28/2002	1393104	3/3/2004
INCLUDING WAVEGUIDE BENDS				
WAVEGUIDE BENDS AND DEVICES	01304890.5	6/5/2001		
INCLUDING WAVEGUIDE BENDS				
	AND METHOD FOR THE PREPARATION THEREOF  PROCESS FOR PRODUCING A COMPOSITE MATERIAL  RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER  THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER TRANSMISSION OF SOLITONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION TUNABLE RESONANT GRATING FILTERS TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER  UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER  WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	AND METHOD FOR THE PREPARATION THEREOF  PROCESS FOR PRODUCING A COMPOSITE MATERIAL RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER  THERMALLY CONTROLLED 04740481.9  EXTERNAL CAVITY TUNEABLE LASER THERMALLY CONTROLLED 10178660.6  EXTERNAL CAVITY TUNEABLE LASER TRANSMISSION OF SOLITONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION TUNABLE RESONANT GRATING FILTERS  TUNEABLE GRATING ASSISTED 03795805.5  DIRECTIONAL OPTICAL COUPLER  UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER  WAVEGUIDE BENDS AND DEVICES 101304890.5  WAVEGUIDE BENDS AND DEVICES 01304890.5	AND METHOD FOR THE PREPARATION THEREOF  PROCESS FOR PRODUCING A COMPOSITE MATERIAL  RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER  THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER  THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER  THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER  TRANSMISSION OF SOLITONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION  TUNABLE RESONANT GRATING FILTERS  TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER  UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER  WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS  MAYEGUIDE BENDS AND DEVICES O1304890.5  11/23/2004  12/21/2001  12/21/2001  12/24/2003  12/24/2003  12/24/2003  11/5/2003	AND METHOD FOR THE PREPARATION THEREOF  PROCESS FOR PRODUCING A COMPOSITE MATERIAL COMPOSITE MATERIAL CAVITY TUNEABLE LASER TRANSMISSION OF SOLITONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION TUNBABLE RESONANT GRATING FILTERS TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER CHOMATIC DISPERSION IN A RECONFIGURABLE MANNER CHORDS AND DEVICES INCLUDING WAVEGUIDE BENDS AND DEVICES O1304890.5 6/5/2001 11/23/2002 1393104 1078459.5 6/5/2001 1273937 12/24/2002 1393104 1078459.5 6/5/2001

EP	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	00952993.4	7/3/2000	1198493	4/24/2002
EP	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
EP	WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	01118289.6	7/30/2001	1282247	2/5/2003
EP	WIRING METHOD AND DEVICE	04804388.9	12/29/2004	1832147	7/6/2006
ES	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
ES	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	12/23/2002	1576396	7/8/2004
fl	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
FR	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	05716482.4	3/31/2005	1855688	12/19/2007
FR	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	04740481.9	6/30/2004	1761980	1/12/2006
FR	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	00952993.4	7/3/2000	1198493	4/24/2002

FR	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	06754714.1	7/12/2006	2044663	4/8/2009
FR	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	01306155.1	7/18/2001	1176459	1/30/2002
FR	OPTICAL FIBER FOR RAMAN AMPLIFICATION	02767266.6	7/26/2002	1525647	2/19/2004
FR	WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	01118289.6	7/30/2001	1282247	2/5/2003
FR	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	01976629.4	9/28/2001	1436920	7/14/2004
FR	OPTICAL FIBRE FILTER	01992905.8	10/23/2001	1330668	7/30/2003
FR	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
FR	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818428.2	11/9/2006	2095553	5/15/2008
FR	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818431.6	11/9/2006	2092673	5/15/2008
FR	OPTICAL GATING APPARATUS AND METHOD	00310375.1	11/22/2000	1209782	5/29/2002
FR	OPTICAL COMMUNICATION SYSTEM	02787873.5	11/29/2002	1566002	8/24/2005
FR	OPTICAL SPACE-SWITCHING MATRIX	01995682.0	11/30/2001	1449403	6/5/2003
FR	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	00311680.3	12/22/2000	1217425	6/26/2002
FR	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02808266.7	12/23/2002	1576747	9/21/2005
FR	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	-12/23/2002	1576396	7/8/2004

FR	EXTERNAL CAVITY LASER WITH TUNABLE RESONANT GRATING FILTER	08154863.8	12/24/2003	1939653	7/2/2008
FR	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
FR	WIRING METHOD AND DEVICE	04804388.9	12/29/2004	1832147	7/6/2006
FR	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE				
FR	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	01908044.9	3/2/2001	1260044	9/7/2001
FR	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING				
FR	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT		·		
FR	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02718200.5	3/22/2002	1488550	10/2/2003
FR	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02727461.2	3/22/2002	1488551	10/2/2003
FR	PARAMETRIC DEVICE FOR WAVELENGTH CONVERSION	01201557.4	5/1/2001	1255158	11/6/2002
FR	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER			•	
FR	UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	01202513.6	6/29/2001	1273937	1/8/2003
FR	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	02754596.1	5/28/2002	1393104	3/3/2004
GB	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	05716482.4	3/31/2005	1866688	12/19/2007
GB	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	04740481.9	6/30/2004	1761980	1/12/2006

GB	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	00952993.4	7/3/2000	1198493	4/24/2002
GB	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	06754714.1	7/12/2006	2044663	4/8/2009
GB	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	01306155.1	7/18/2001	1176459	1/30/2002
GB	OPTICAL FIBER FOR RAMAN AMPLIFICATION	02757266.6	7/26/2002	1525647	2/19/2004
GB	WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	01118289.6	7/30/2001	1282247	2/5/2003
GB	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	01976629.4	9/28/2001	1436920	7/14/2004
GB	OPTICAL FIBRE FILTER	01992905.8	10/23/2001	1330668	7/30/2003
GB	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	01988874.2	10/26/2001	1334385	8/13/2003
GB	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2005
GB	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	05818428.2	11/9/2006	2095553	5/15/2008
GB	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818431.6	11/9/2006	2092673	5/15/2008
GB	OPTICAL GATING APPARATUS AND METHOD	00310375.1	11/22/2000	1209782	5/29/2002
GB	OPTICAL COMMUNICATION SYSTEM .	02787873.5	11/29/2002	1566002	8/24/2005
GB	OPTICAL SPACE-SWITCHING MATRIX	01995682.0	11/30/2001	1449403	6/5/2003

GB	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	00311680.3	12/22/2000	1217425	6/26/2002
GB	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02808266.7	12/23/2002	1576747	9/21/2005
GB	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	12/23/2002	1576396	7/8/2004
G8	EXTERNAL CAVITY LASER WITH TUNABLE RESONANT GRATING FILTER	08154863.8	12/24/2003	1939653	7/2/2008
GB	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
GB	WIRING METHOD AND DEVICE	04804388.9	12/29/2004	1832147	7/6/2006
GB	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE				
GB	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	01908044.9	3/2/2001	1260044	11/27/2002
GB	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING				
GB	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02718200.5	3/22/2002	1488550	10/2/2003
GB	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02727461.2	3/22/2002	1488551	10/2/2003
GB	PARAMETRIC DEVICE FOR WAVELENGTH CONVERSION	01201557.4	5/1/2001	1255158	11/6/2002
GB	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER				
GB	UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	01202513.6	6/29/2001	1273937	1/8/2003
GB	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	02754596.1	5/28/2002	1393104	3/3/2004

IL	TUNEABLE RESONANT GRATING FILTERS	176345	12/24/2003		
IN	AN INTEGRATED OPTIC POLARIZATION CONVERTER AND METHOD THEREOF	1528/DELNP/2005	10/30/2003	1528/DELNP/2005	3/20/2009
IN	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	1208/DELNP/2006	9/30/2003	1208/DELNP/2006	8/17/2007
IN	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	7353/DELNP/2006	6/30/2004		7/13/2007
IN	TUNABLE RESONANT GRATING FILTERS	3292/DELNP/2006	12/24/2003	3292/DELNP/2006	4/20/2007
IT	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	05716482.4	3/31/2005	1866688	12/19/2007
IT	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	04740481.9	6/30/2004	1761980	1/12/2006
IT	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	00952993.4	7/3/2000	1198493	4/24/2002
1T	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	06754714.1	7/12/2006	2044663	4/8/2009
IT	OPTICAL THRESHOLD AND COMPARISON DEVICES AND METHODS	01306155.1	7/18/2001	1176459	1/30/2002
ΙΤ	OPTICAL FIBER FOR RAMAN AMPLIFICATION	02767266.6	7/26/2002	1525647	2/19/2004
IT	WAVELENGTH DIVISION MULTIPLEXING OPTICAL TRANSMISSION SYSTEM USING A SPECTRAL INVERSION DEVICE	01118289.6	7/30/2001	1282247	2/5/2003

IT	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	01976629.4	9/28/2001	1436920	7/14/2004
17	OPTICAL FIBRE FILTER	01992905-8	10/23/2001	1330668	7/30/2003
IT	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	01988874.2	10/26/2001	1334385	8/13/2003
П	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
IT	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818428.2	11/9/2006	2095553	5/15/2008
ΙΤ	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	06818431.6	11/9/2006	2092673	5/15/2008
IT	OPTICAL GATING APPARATUS AND METHOD	00310375.1	11/22/2000	1209782	5/29/2002
IT	OPTICAL COMMUNICATION SYSTEM	02787873.5	11/29/2002	1566002	8/24/2005
IT	OPTICAL SPACE-SWITCHING MATRIX	01995682.0	11/30/2001	1449403	6/5/2003
IT	OPTICAL INTENSITY MODULATION DEVICE AND METHOD	00311680.3	12/22/2000	1217425	6/26/2002
IT	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02808266.7	12/23/2002	1576747	9/21/2005
IT	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	02796764.5	12/23/2002	1576396	7/8/2004
ΙΤ	EXTERNAL CAVITY LASER WITH TUNABLE RESONANT GRATING FILTER	08154863.8	12/24/2003	1939653	7/2/2008
1T	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
1T	WIRING METHOD AND DEVICE	04804388.9	12/29/2004	1832147	7/6/2006
IT	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE				•

IT	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	01908044.9	3/2/2001	1260044	9/7/2001
IT	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02718200.5	3/22/2002	1488550	10/2/2003
ΙT	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	02727461.2	3/22/2002	1488551	10/2/2003
IT	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER				
IT	UNIT FOR COMPENSATING THE CHROMATIC DISPERSION IN A RECONFIGURABLE MANNER	01202513.6	6/29/2001	1273937	1/8/2003
IT	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	02754596.1	5/28/2002	1393104	3/3/2004
JP	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNABLE LASER	2005-509813	11/7/2003	2007-524215	8/23/2007
JP	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	2005-0507512	8/7/2003	2007-515815	6/14/2007
JP	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	2005-502227	10/30/2003	2006-509264	3/16/2006
JP	COUPLED-WAVEGUIDE ELECTRO- OPTIC SWITCH BASED ON POLARISATION CONVERSION	2004-571279	4/30/2003	2006-525531	11/9/2006
JP	DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	2003-573460	3/6/2002	2005-519319A	

JP	DEVICE FOR CROSSING OPTICAL	2003-573462	3/6/2002	2005-519321	6/30/2005
	BEAMS, IN PARTICULAR IN AN INTEGRATED OPTICAL CIRCUIT				
JP	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	2001-564513	3/2/2001	2003-526259	9/2/2003
JP	METHOD AND APPARATUS FOR REDUCING THE AMPLITUDE MODULATION OF OPTICAL SIGNALS IN EXTERNAL CAVITY LASERS	2011-503552	4/11/2008	2011-517110	5/26/2011
, Jb	METHOD AND SYSTEM FOR HITLESS TUNABLE OPTICAL PROCESSING	2008-518638	6/30/2005		
JP	METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE	2003-573461	3/6/2002	2005-519320	6/30/2005
JP	METHOD OF MAKING GRATING STRUCTURES HAVING HIGH ASPECT RATIO	2007-516977	5/21/2004	2007-538275	12/27/2007
JP	MULTI-STAGE RAMAN AMPLIFIER	2004-529741	7/31/2002	2005-534997	
JP	OPTICAL FIBER FOR RAMAN AMPLIFICATION	2004-526647	7/26/2002	2005-534077	11/10/2005
JP.	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	2010-547965	2/29/2008	2011-513773	4/28/2011
JP	OPTICAL MODULATOR	2007-505389	3/31/2004		
JP	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	2003-546151	10/26/2001	JP2005509917	4/14/2005
JP	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	2005-509794	9/30/2003		

JΡ	PHOTODETECTOR IN GERMANIUM	2007-547193	12/24/2004	2003-526003	7/17/2008
JP	RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	2003-555630	12/21/2001	2005-513562	5/12/2005
JР	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	2007-518458	6/30/2004	2008-504701	2/14/2008
JP	TUNABLE RESONANT GRATING FILTERS	2011-21690	2/4/2011	2011-158907	8/18/2011
JP	TUNABLE RESONANT GRATING FILTERS	2005-512678	12/24/2003	2007-524218	8/23/2007
KR	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	10-2010-7019408	9/30/2003	10-2010-0101021	9/15/2010
KR	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	10-2006-7002662	8/7/2003	10-2006-0123060	12/1/2006
KR	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	10-2005-7007410	10/30/2003	10-2005-0088074	9/1/2005
KR	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	10-2004-7006088	10/26/2001		
KR	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	10-2006-7006231	9/30/2003		
KR	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	10-2006-7027593	6/30/2004	10-2007-0028463	3/12/2007
KR	TUNABLE RESONANT GRATING FILTERS	10-2006-7012649	12/24/2003	10-2007-0003801	1/5/2007
KR	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNABLE LASER	10-2006-7006232	11/7/2003	10-2006-0065723	5/14/2006
NL	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006

SE	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	03775324.1	11/7/2003	1668752	6/14/2006
SE	TUNABLE RESONANT GRATING FILTERS	03789424.3	12/24/2003	1704428	9/27/2006
ŲK	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT				
WO	A MODULAR, EASILY CONFIGURABLE AND EXPANDIBLE NODE STRUCTURE FOR AN OPTICAL COMMUNICATIONS NETWORK	PCT/EP2003/008748	8/7/2003	wo 2005/015798	2/17/2005
WO	AN INTEGRATED OPTIC POLARIZATION CONVERTER BASED ON STRUCTURAL CHIRALITY	PCT/US2003/034577	10/30/2003	WQ 2004/042458	5/21/2004
wo	AN OPTICAL DEVICE BASED ON A THREE-ARM MACH-ZEHNDER INTERFEROMETER	PCT/EP2004/050663	4/30/2004	WO 2005/106551	11/10/2005
wo	AN OPTO-MECHANICAL SWITCHING SYSTEM	PCT/EP2004/053508	12/15/2004	WO 2006/063620	6/22/2006
WO	APPARATUS FOR MITIGATING THE EFFECTS OF POLARIZATION MODE DISPERSION OF A PLURALITY OF OPTICAL SIGNALS	PCT/EP2003/003176	3/21/2003	WQ 2004/084441	9/30/2004
wo	BIDIRECTIONAL ISOLATOR AND OPTICAL DEVICES COMPRISING A BIDIRECTIONAL ISOLATOR	PCT/EP2002/04504	4/24/2002		
wo	CASCADED RAMAN PUMP FOR RAMAN AMPLIFICATION IN OPTICAL SYSTEMS	PCT/EP2002/006029	5/31/2002	WO 2003/103108	12/11/2003
wo	COUPLED-WAVEGUIDE ELECTRO- OPTIC SWITCH BASED ON POLARISATION CONVERSION	PCT/IT2003/000259	4/30/2003	WQ 2004/097508	11/11/2004
wo	DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT	PCT/EP2002/002465	3/6/2002	WO 2003/075054	9/12/2003

wo	DEVICE FOR CROSSING OPTICAL	PCT/EP2002/02484	3/6/2002	WO 2003/075056	9/12/2003
	BEAMS, IN PARTICULAR IN AN INTEGRATED OPTICAL CIRCUIT				
wo	DEVICE FOR THE COMPENSATION OF CHROMATIC DISPERSION	PCT/EP2001/007735	7/5/2001	WO 2002/006874	1/24/2002
wo	EXTERNAL CAVITY LASER MODULE COMPRISING A MULTI- FUNCTIONAL OPTICAL ELEMENT	PCT/EP2007/002941	4/2/2007	WO 2008/119363	10/9/2008
wo	FOUR-WAVE MIXING BASED OPTICAL WAVELENGTH CONVERTER DEVICE	PCT/EP2002/007207	6/28/2002	WO 2004/003653	1/8/2004
wo	HYBRID BURIED/RIDGE PLANAR WAVEGUIDES	PCT/IB2001/002725	10/26/2001	WO2002/035267	5/2/2002
wo	INTEGRATED OPTICAL ADD/DROP DEVICE HAVING SWITCHING FUNCTION	PCT/EP2002/014812	12/31/2002	WO 2004/059353	7/15/2004
wo	INTEGRATED OPTICAL WAVEGUIDE STRUCTURE WITH LOW COUPLING LOSSES TO AN EXTERNAL OPTICAL FIELD	PCT/EP2003/008613	8/4/2003	WO 2005/015278	2/17/2005
wo	INTEGRATED WAVELENTH SELECTIVE GRATING-BASED FILTER	PCT/EP2004/008200	7/22/2004	WO 2006/007868	1/26/2006
wo	LOW LOSS MICRORING RESONATOR DEVICE	PCT/EP2003/014918	12/24/2003	WO 2005/064375	7/14/2005
wo	METHOD AND APPARATUS FOR OPTICAL PHASE MODULATION	PCT/EP2004/002450	3/10/2004		
WO	METHOD AND APPARATUS FOR POLARIZATION MULTIPLEXING AND DEMULTIPLEXING OPTICAL TRIBUTARY SIGNALS	PCT/IB2001/000295	3/2/2001	WO 2001/065754	9/7/2001
WO	METHOD AND APPARATUS FOR REDUCING THE AMPLITUDE MODULATION OF OPTICAL SIGNALS IN EXTERNAL CAVITY LASERS	PCT/IT2008/000240	4/11/2008	WO 2009/125442	10/15/2009
wo	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	PCT/EP2006/010722	11/9/2006	WO 2008/055527	5/15/2008

wo	METHOD AND DEVICE FOR	PCT/EP2006/010723	11/9/2006	WO 2008/055528	5/15/2008
	HITLESS TUNABLE OPTICAL FILTERING				
wo	METHOD AND DEVICE FOR HITLESS TUNABLE OPTICAL FILTERING	PCT/EP2006/010732	11/9/2006	WO 2008/055529	5/15/2008
wo	METHOD AND DEVICE FOR POLARIZATION OF AN OPTICAL RADIATION	PCT/IB2007/055292	12/21/2007	WO 2009/081237	<b>7</b> /2/2009
wo	METHOD AND DEVICE FOR STABILIZATING THE STATE OF POLARIZATION OF AN OPTICAL RADIATION	PCT/EP2004/009917	9/6/2004		
WO	METHOD AND DEVICE FOR STABILIZATING THE STATE OF POLARIZATION OF AN OPTICAL RADIATION	PCT/EP2005/009549	9/6/2005	WO 2006/027205	3/16/2006
WO	METHOD AND DEVICE FOR STABILIZING THE STATE OF POLARIZATION OF A POLARIZATION MULTIPLEXED OPTICAL RADIATION	PCT/EP2004/011957	10/22/2004	WO 2006/045324	5/4/2006
WO	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	PCT/EP2005/014092	12/28/2005	WO 2007/073763	7/5/2007
WO	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING	PCT/IT2005/000773	12/28/2005	WO 2007/074485	7/5/2007
wo	METHOD AND DEVICE FOR TUNABLE OPTICAL FILTERING USING VERNIER EFFECT	PCT/IT2007/000295	4/20/2007	WO 2008/129571	10/30/2008
WO	METHOD AND SYSTEM FOR HITLESS TUNABLE OPTICAL PROCESSING	PCT/EP2005/007085	6/30/2005	WO 2007/003208	1/11/2007
wo	METHOD AND SYSTEM FOR TUNABLE OPTICAL FILTERING	PCT/EP2005/014093	12/28/2005	WQ 2007/073764	7/5/2007
wo	METHOD FOR GUIDING AN ELECTROMAGNETIC RADIATION, IN PARTICULAR IN AN INTEGRATED OPTICAL DEVICE	PCT/EP2002/002466	3/6/2002	WO 2003/075055	9/12/2003
wo	METHOD FOR MANUFACTURING OPTICAL DEVICES	PCT/EP2004/008839	8/5/2004	WO 2006/012915	2/9/2006
wo	METHOD FOR MANUFACTURING OPTICAL DEVICES	PCT/EP2004/014740	12/23/2004	WO 2006/066614	6/29/2006

				· · · · · · · · · · · · · · · · · · ·	<i>I I</i>
WO	METHOD OF MAKING GRATING STRUCTURES HAVING HIGH ASPECT RATIO	PCT/EP2004/005505	5/21/2004	WO 2005/114269	12/1/2005
wo	METHOD TO FABRICATE A REDIRECTING MIRROR IN OPTICAL WAVEGUIDE DEVICES	PCT/EP2005/003391	3/31/2005	WO 2006/102917	10/5/2006
WO	MISALIGNMENT PREVENTION IN AN EXTERNAL CAVITY LASER HAVING TEMPERATURE STABILISATION OF THE RESONATOR AND THE GAIN MEDIUM	PCT/EP2006/006812	7/12/2006	WO 2008/005387	1/17/2008
wo	MULTIPLE STAGE RAMAN OPTICAL AMPLIFIER	PCT/EP2002/014532	12/19/2002	WO 2004/057712	7/8/2004
wo	MULTI-STAGE RAMAN AMPLIFIER	PCT/EP2002/008526	7/31/2002	WO 2004/019461	3/4/2004
wo	OPTICAL ASSEMBLY CONNECTING A LASER WITH AN OPTICAL FIBRE	PCT/EP2005/013110	12/7/2005	WO 2007/065457	6/14/2007
WO	OPTICAL BAND SPLITTER/COMBINER AND APPARATUS COMPRISING THE SAME	PCT/EP2004/005810	6/21/2004	WO 2005/124412	12/29/2005
WO	OPTICAL BAND SPLITTER/COMBINER DEVICE COMPRISING A THREE-ARMS INTERFEROMETER	PCT/EP2005/001444	2/10/2005	WO 2006/084480	8/17/2006
wo	OPTICAL COMMUNICATION LINE AND SYSTEM WITH REDUCED POLARIZATION MODE DISPERSION	PCT/IT2002/000708	11/8/2002	WO 2004/042969	5/21/2004
wo	OPTICAL COMMUNICATION LINE WITH DISPERSION INTRACHANNEL NONLINEARITIES MANAGEMENT	PCT/IT2003/000455	7/24/2003	WO 2005/011161	2/3/2005
wo	OPTICAL COMMUNICATION SYSTEM	PCT/EP2002/013514	11/29/2002	WO 2004/051893	6/17/2004
wo	OPTICAL COUPLING DEVICE	PCT/EP2003/051108	12/29/2003	WO 2005/064371	7/14/2005
wo	OPTICAL DEVICE INCUDING A BURIED GRATING WITH AIR FILLED VOIDS AND METHOD FOR REALIZING IT	PCT/EP2004/013028	11/17/2004	WO 2006/007875	1/26/2006

WO	OPTICAL DEVICES COMPRISING	PCT/EP2002/08541	7/31/2002	WQ 2003/091789	11/6/2003
	SERIES OF BIREFRINGENT WAVEPLATES				
WO	OPTICAL FIBER FOR RAMAN  AMPLIFICATION	PCT/EP2002/008383	7/26/2002	WO 2004/015828	2/19/2004
wo	OPTICAL FIBRE FILTER	PCT/EP2001/012222	10/23/2001	WQ 2002/037150	5/10/2002
wo	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	PCT/EP2008/052495	2/29/2008	WO 2009/106140	9/3/2009
wo	OPTICAL MODE TRANSFORMER, IN PARTICULAR FOR COUPLING AN OPTICAL FIBER AND A HIGH-INDEX CONTRAST WAVEGUIDE	PCT/EP2008/052494	2/29/2008	WO 2009/106139	9/3/2009
wo	OPTICAL MODULATOR	PCT/EP2004/003627	3/31/2004	WO 2005/096086	10/13/2005
wo	OPTICAL MULTI/DEMULTIPLEXER DEVICE, OPTICAL WAVELENGTH SELECTIVE FILTER AND METHOD OF MAKING FILTER	PCT/EP2001/012419	10/26/2001	WO 2003/044578	5/30/2003
WO	OPTICAL SPACE-SWITCHING MATRIX	PCT/EP2001/013996	11/30/2001	WO 2003/047304	6/5/2003
wo	OPTICAL TRANSMISSION SYSTEM COMPRISING DISPERSION MANAGEMENT SYSTEM	PCT/IT2001/000499	9/28/2001	WO 2003/030412	4/10/2003
WO	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	PCT/EP2002/003250	3/22/2002	WO 2003/081814	10/2/2003
wo	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	PCT/EP2002/003251	3/22/2002	WQ 2003/081815	10/2/2003
wo	OPTICAL TRANSMISSION SYSTEM USING AN OPTICAL PHASE CONJUGATION DEVICE	PCT/EP2002/014730	12/23/2002	WQ 2004/057779	7/8/2004
wo	OPTICAL TRANSMISSION SYSTEM WITH OPTICAL CHROMATIC DISPERSION COMPENSATOR	PCT/IB2006/003778	12/27/2006	WO 2008/078130	7/3/2008

WO	OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	PCT/EP2000/006204	7/3/2000	WO 2001/002879	1/11/2001
WO	OPTICAL WAVEGUIDES DERIVED FROM A COMBINATION OF POLY(PERFLUOROCYCLOBUTANES) AND POLYMERIC CYANATES	PCT/EP2000/006205	7/3/2000	WO 2001/002880	1/11/2001
wo	PASSIVE OPTICAL NETWORK COMPRISING MULTI- LONGITUDINAL MODE EMITTING DEVICES	PCT/IT2006/000057	2/3/2006	WO 2007/088561	8/9/2007
wo	PASSIVE PHASE CONTROL IN AN EXTERNAL CAVITY LASER	PCT/EP2005/013060	12/6/2005	WO 2007/065455	6/14/2007
wo	PHASE CONTROL BY ACTIVE THERMAL ADJUSTMENTS IN AN EXTERNAL CAVITY LASER	PCT/EP2005/012448	12/22/2005		7/3/2008
wo	PHASE-CONTROL IN AN EXTERNAL-CAVITY TUNEABLE LASER	PCT/EP2003/010856	9/30/2003	WO 2005/041371	5/6/2005
wo	PHOTOCHROMIC OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATIONS THEREOF	PCT/EP2002/014880	12/23/2002	WO 2004/057377	7/8/2004
wo	PHOTODETECTOR IN GERMANIUM ON SILICON	PCT/EP2004/014714	12/24/2004	WO 2006/066611	6/29/2006
wo	POLARIZATION STABILIZATION	PCT/EP2002/008467	7/30/2002	WO 2003/014811	2/20/2003
wo	POLYIMIDE OPTICAL WAVEGUIDES AND METHOD FOR THE PREPARATION THEREOF	PCT/EP2002/007107	6/27/2002	WO 2004/003602	1/8/2004
wo	PROCESS FOR PRODUCING A COMPOSITE MATERIAL	PCT/EP2004/013286	11/23/2004	WO 2006/056217	6/1/2006
wo	RAMAN AMPLIFICATION USING A MICROSTRUCTURED FIBER	PCT/EP01/15262	12/21/2001	WO 2003/055017	7/3/2003
wo	SYSTEM AND METHOD FOR COHERENT DETECTION OF OPTICAL SIGNALS	PCT/IB2007/054948	12/6/2007	WO 2009/071964	6/11/2009

wo	THERMALLY CONTROLLED EXTERNAL CAVITY TUNEABLE LASER	PCT/EP2004/007102	6/30/2004	WO 2006/002663	1/12/2006
wo	TRANSMISSION OF SOLITONS ON ALTERNATE SIGN DISPERSION OPTICAL FIBRES WITH PHASE CONJUGATION	PCT/IT2001/000498	9/28/2001		
wo	TUNABLE RESONANT GRATING FILTERS	PCT/EP2003/014917	12/24/2003	WO 2005/064365	7/14/2005
WO	TUNEABLE GRATING ASSISTED DIRECTIONAL OPTICAL COUPLER	PCT/EP2003/012328	11/5/2003	WO 2005/050306	6/2/2005
wo	WAVEGUIDE BENDS AND DEVICES INCLUDING WAVEGUIDE BENDS	PCT/EP2002/005848	5/28/2002	WO 2002/099484	12/12/2002
wo	WAVEGUIDE PHOTODETECTOR IN GERMANIUM ON SILICON	PCT/EP2006/012603	12/29/2006	WO 2008/080428	7/10/2008
WO	WAVEGUIDE SYSTEMS OR STRUCTURES OR PARTS THEREOF, CONTAINING POLYCYANATE COPOLYMERS PREPARED FROM POLYFUNCTIONAL CYANATES AND FLUORINATED MONOCYANATES	PCT/EP2000/06203	7/3/2000	WO 2001/002464	1/11/2001
wo	WAVELENGTH CONTROL OF AN EXTERNAL-CAVITY TUNEABLE LASER	PCT/EP2003/012469	11/7/2003	WO 2005/041372	5/6/2005
wo	WIRING METHOD AND DEVICE	PCT/EP2004/14802	12/29/2004	WO 2006/069589	7/6/2006